



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/071,415	02/08/2002	Siva K. Dirisala	OR01-13001	1698

22835 7590 08/19/2004
PARK, VAUGHAN & FLEMING LLP
508 SECOND STREET
SUITE 201
DAVIS, CA 95616

EXAMINER

NGUYEN, CAM LINH T

ART UNIT PAPER NUMBER

2171

DATE MAILED: 08/19/2004

2

Please find below and/or attached an Office communication concerning this application or proceeding.

df

Office Action Summary

Application No.

10/071,415

Applicant(s)

DIRISALA ET AL.

Examiner

CamLinh Nguyen

Art Unit

2171

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1 – 5, 13 - 14, 23, 25 are rejected under 35 U.S.C. 102(e) as being anticipated by Naohito Nakamura (U.S. 6,633,873).

◆ As per claim 1, 14, Nakamura discloses:

Nakamura discloses a method of facilitating a distributed search comprising:

- “Receiving a search request from a user” See Fig. 2, S1, col. 5, lines 7 – 9.
- “Requesting a remote information source to conduct a remote search” Fig. 2, S5, col. 5, lines 41 – 45.
- “Initiating a local search of a local information source” See Fig. 2, S2, col. 5, lines 9 – 12.
- “Receiving results of the remote search” See Fig. 2, S4, Fig. 7, STP 7.
- “Merging said remote search results with results of the local search; and presenting said merged search results to the user” See Fig. 2, S4, col. 5, lines 28 – 30, 46 – 57, Fig. 1, element 9.

◆ As per claim 2, Nakamura discloses:

- “Filtering said remote search results with a set of local rules” See col. 2, lines 4 – 7, col. 4, lines 44 – 45. The “local rule” corresponds to the “predetermined condition” of the search query. See Fig. 3, col. 5, lines 30 – 57. In this case, the “local rule” corresponds to the number of search results that must be returned to the user.

◆ As per claim 3, Nakamura discloses:

- “Filtering comprises editing said remote search results according to a set of rules regarding information ... user” See col. 5, lines 58 – 61.

◆ As per claim 4, Nakamura discloses:

- “Selecting said remote information source from multiple information sources” See Fig. 6, col. 9, lines 5 – 11.

◆ As per claim 5, Nakamura discloses:

- “Said remote search is conducted without the user being connected to the remote information source” See Fig. 1 – 4. The remote database is searched by the system and the results are returned to the user automatically. Therefore, the user is not connected to the remote source.

◆ As per claim 13, 25, Nakamura discloses:

- “Remote search and local search are performed at least partially in parallel” See col. 8, lines 8 – 16.

◆ As per claim 23, Nakamura discloses:

Claim 23 is rejected based on the rejection of claims 1 – 2.

Claim Rejections - 35 USC § 103

Art Unit: 2171

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 6 – 12, 14, 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Naohito Nakamura (U.S. 6,633,873) in view of Larry Harris (U.S. 2002/0059204).

◆ As per claim 6, the combination of Nakamura and Harris discloses:

Nakamura fails to disclose “ The remote information source employs a user interface different from a user interface employed by the local information source”. According to Fig. 1 of the disclosure, the remote source interface is different with the local interface by its format in the database.

However, Harris, on the other hand, discloses a distributed search system that comprises a plurality of data sources (See Fig. 2, Harris). The data source can be in different formats (page 2, paragraph 0029). Therefore, Harris, discloses a remote source that have a different interface with the local interface.

It would have been obvious to one with ordinary skill in the art at the time the invention was made to apply the teaching of Harris into the system of Nakamura because the combination would allow the user obtains more result from different data sources.

◆ As per claim 7, the combination of Nakamura and Harris discloses:

- “ Said presenting comprises displaying said merged search results with the user interface employed by the local information source” See page 5, paragraph 0050, Harris.

Art Unit: 2171

◆ As per claim 8 - 11, 16, 18 – 20, 24, the combination of Nakamura and Harris discloses:

- “ Said requesting comprises identifying to the remote information source a context in which to execute the remote search” See page 5, paragraph 0052 – 0053, Harris.
- “ Said context comprises an identity of the user” and “ comprises an identity of an organization operating the local resource” See paragraph 0052 – 0053, 0062, Harris.
- “ Said context comprises a language” See paragraph 0047, Harris.

◆ As per claim 12, the combination of Nakamura and Harris discloses:

- “ The remote information source comprises an electronic marketplace” See paragraph 0057, Harris.

◆ As per claim 15, 22, the combination of Nakamura and Harris discloses:

“ Receiving a search request from a user” See Fig. 2, S1, col. 5, lines 7 – 9.

- “ Requesting a remote information source to conduct a remote search” Fig. 2, S5, col. 5, lines 41 – 45.
- “ Initiating a local search of a local information source” See Fig. 2, S2, col. 5, lines 9 – 12.
- “ Receiving results of the remote search” See Fig. 2, S4, Fig. 7, STP 7.
- “ Merging said remote search results with results of the local search; and presenting said merged search results to the user” See Fig. 2, S4, col. 5, lines 28 – 30, 46 – 57, Fig. 1, element 9.
- “ Filtering said remote search results with a set of local rules” See col. 2, lines 4 – 7, col. 4, lines 44 – 45. The “local rule” corresponds to the “predetermined condition” of the

Art Unit: 2171

search query. See Fig. 3, col. 5, lines 30 – 57. In this case, the “local rule” corresponds to the number of search results that must be returned to the user.

- “ Said requesting comprises identifying to the remote information source a context in which to execute the remote search” See page 5, paragraph 0052 – 0053, Harris.
- “ Said context comprises an identity of the user” and “ comprises an identity of an organization operating the local resource” See paragraph 0052 – 0053, 0062, Harris.
- “ Said context comprises a language” See paragraph 0047, Harris.

◆ As per claim 17, the combination of Nakamura and Harris discloses:

- “ Selecting said remote information source from multiple information sources” See Fig. 6, col. 9, lines 5 – 11, Nakamura.

◆ As per claim 21, the combination of Nakamura and Harris discloses:

- “ Remote search and local search are performed at least partially in parallel” See col. 8, lines 8 – 16, Nakamura.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Daniel Mendez (U.S. 2003/0097358) discloses a system and method for merging remote and local data in a single user interface.
- Jacobi et al (U.S. 6,064,980) discloses a system for collaborative recommendations.
- Petculescu et al (U.S. 6,473,750) discloses an adaptive query execution in a distributed database system.

Art Unit: 2171


- Kirsch et al (U.S. 6,070,158) discloses a real-time document collection search engine with phrase indexing.
- Cranor et al (U.S. 2003/0112792) discloses a method for content-aware redirection and content renaming.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CamLinh Nguyen whose telephone number is 305-1951. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 308-1436. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LN


SAFET METJAHIC
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100